

# weberkol flex extra

**Polymer added, very flexible tile adhesive mortar with reduced slip, extended open time and improved with additional qualities**

**Technical Data Sheet:**  
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## ■ Description

Polymer added, very flexible tile adhesive mortar with reduced slip, extended open time and improved with additional qualities.

## ■ Reference standards

- TS EN 12004/C2TES2 class
- Public Works Pos No: 10.300.2205
- Please see current "weber solution guide" for the classification introduced by TS EN 12004 norm about tile adhesives.

## ■ Advantages

- Safe and durable adhesion on tile applications on existing tile, swimming pools, heavy traffic floors, heating floors, primed plaster substrates.

## ■ Range of application

- Used for fixing ceramic, granite ceramic, marble, swimming pools granite and similar coating materials at interior and exterior walls and floors.

## ■ Application substrates

- **Interior walls** on;
- Cement based render, concrete, gypsum board and gypsum plaster (**weberprim art** applied), fiber concrete board, existing tile surfaces,
- **Interior and exterior floor**; on cement based screed, concrete floor, existing tile surfaces,
- **On exterior walls**; cement based render, concrete, existing tile and glass mosaic (**weberprim TG 5** or **weberprim TG 5** applied),
- Swimming pools; cement-based plaster or screeds, concrete,
- Old surfaces;
- Used for fixing ceramic, granite ceramic, marble, granite and similar coating materials.

## ■ Preparation of substrates

- The surface should be dry, smooth and durable.
- Plasters thinner than 3 mm on the substrate should be scraped and cleaned thoroughly.
- Porous substrates should be wetted. Wait until the water layer disappears as the floor will remain damp.
- Important deformations or holes on the substrate should be repaired with **weberep** structural repair mortars minimum 24 hours before the application of **weberkol flex extra**.
- Local repairs thinner than 7 mm can be done by use of **weberkol flex extra**.

## ■ Conditions of application

- Ambient temperature is between +5 °C and +35 °C.
- It should not be used on substrates which are frozen or melting or have the risk of frost within 24 hours.
- Avoid application under direct sunlight, strong wind or hot surfaces.
- Avoid film formation by **weberkol flex extra** during application, if film is present, that area should be notched again.

## ■ Application

- For grey colour average 7-7,5 lt, for white colour average 6,75-7 lt of water and preferably 25 kg **weberkol flex extra** should be mixed with low speed mixer preferably or trowel until no more lump will remain.
- After aging **weberkol flex extra** for 5 minutes, it should be mixed for further 1-2 minutes before application.
- The mortar should be applied on the substrate and its thickness should be adjusted with steel notched trowel. Tooth size of trowel should be adjusted according to dimensions of tile and smoothness of application substrate.
- Mortar should be applied on both application substrate and behind the ceramics with below mentioned sizes (back buttering):
  - For granite ceramic, natural composed stone, etc.;
  - **Interior wall applications:** 500 cm<sup>2</sup>
  - **Interior floor applications:** 120 cm<sup>2</sup>
  - For ceramic, tile etc.;
  - **Interior wall and floor applications:** Tiles bigger than 1600 cm<sup>2</sup>
  - **In all exterior, wall and floor applications.**
  - For good adhesion force should be applied by

## ■ Application tools

Hand mixer, trowel, rubber hammer, steel notched trowel.

## ■ Consumption

|                            |                       |
|----------------------------|-----------------------|
| <b>weberkol flex extra</b> | 4-6 kg/m <sup>2</sup> |
|----------------------------|-----------------------|

## ■ Attention points

- This product is not used on metal surface
- Never add foreign materials.
- Attention should be paid to the proportion of water that is written on the bag.
- Adding too much or too little water to the product reduces the performance of the product

*The stated times apply for 20 °C substrate and ambient temperature and increase at lower temperatures and decrease at high temperatures.  
, Saint-Gobain Weber Yapı Kim. San. ve Tic. A.Ş. is not responsible for the application errors arising from use of product beyond its intended purpose or failure to comply with the foregoing application conditions and advice on the product.*

Saint-Gobain Weber Yapı Kimyasalları San. ve Tic. A.Ş.  
Kemalpaşa OSB Mah. Kuyucak Yolu Sokak No:284 • 35730 Kemalpaşa • İzmir • Türkiye  
Tel: +90 (232) 397 07 00 • www.tr.weber • info@weber.com.tr • Çözüm Hattı 444 6 990

  
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## ■ Technical Information

|  |   |
|--|---|
| <b>Product</b>   | <b>weberkol flex extra</b>                          |
| <b>Product Type</b>  | Powder  |
| <b>Colour</b>  | White and Grey                                      |
| <b>Packaging</b>   | 25 kg kraft bag (64 bags in pallet, 1600 kg).       |
| <b>Application features</b>  |   |
| <b>Pot life</b>  | Max. 4 hours  |
| <b>Open time</b>   | Max. 30 minutes                                     |
| <b>Adjustability</b>   | Max. 20 minute                                      |
| <b>Time required for grouting</b>  | 24 hours ( wall and floor)                          |
| <b>Time required for foot traffic</b>  | 24 hours  |
| <b>Application thickness</b>   | 3 to 10 mm (one or both sides)                      |
| <b>Performance</b>   |   |
| <b>Fire response class</b>   | A1  |
| <b>High initial tensile adhesion strength</b>                                    | $\geq 1\text{N/mm}^2$                               |
| <b>High Tensile adhesion strength after water immersion</b>                      | $\geq 1\text{N/mm}^2$                               |
| <b>High Tensile adhesion strength after heat aging</b>                           | $\geq 1\text{N/mm}^2$                               |
| <b>High Tensile adhesion strength after freeze-thaw cycles</b>                   | $\geq 1\text{N/mm}^2$                               |
| <b>Extended Open time tensile adhesion strength(after not less than 30 min.)</b> | $\geq 0,5\text{N/mm}^2$                             |
| <b>Transverse deformation</b>  | 2,5 mm $\leq S1 < 5$ mm                             |
| <b>Slip</b>  | $\leq 0,5$ mm                                       |
| <b>Heat resistance</b>   | between $-15^{\circ}\text{C}$ $+70^{\circ}\text{C}$ |

## ■ Storage

|                   |  |
|-------------------|--|
| <b>Packaging</b>  | • 25 kg kraft bag (64 bags in pallet, 1600 kg).  |
| <b>Shelf life</b> | • 1 year as of the production date in dry and moisture- free environment provided that packages will not be opened.<br>• Package should be kept tightly closed when not in use. Package should be protected against frost. |

## ■ Safety Precautions

- Use the appropriate safety equipment (dust mask, gloves).
- Protect your eyes / face.
- Avoid contact with eyes and skin.
- In case of contact with eyes, rinse immediately with plenty of water and consult a specialist.
- Read the Material Safety Data Sheet for more detailed

## Legal Warning

Since there are different conditions and requirements that apply in any case, Saint-Gobain Weber Yapı Kimyasalları San. ve Tic. A.Ş. cannot be liable for other than the information provided in this product datasheet.

These values were obtained as a result of laboratory tests and they are valid for 28 days performance of finished applications. Values may vary due to differences on job-sites.

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